

OSVABA, S.; JAZERNICZAY, Judit

Serum protein values in premature infants in the first three months of life. Acta paediat. acad. sci. Hung. 5 no.3:411-416 '64

1. Department of Paediatrics, University Medical School, Debrecen.

JEZERNIK, Drago

The problem of woman labor absenteeism. Produktivnost 3 no.7/8:503-506
Ag '61.

JEZERNIK, Drago

Objectivity of the rating of employees in industry. Produktivnost 3
no.11:735-736 N '61.

1. Zavod LR Slovenije za produktivnost dela, Ljubljana.

CZECHOSLOVAKIA

JEZERSKY, J; VIRSIK, K.

1. Clinic of Tuberculosis LFUK (Klinika tuberkulozy LFUK),
(for Jezersky); 2. Phthisiological Chair SUDL
(Ptizeologicka katedra SUDL), (for Virsik)

Bratislava, Lekarsky obzor, No 6, 1963, pp 339-342

"Adrenal Cortical Hormones and ACTH in the Treatment
of Tuberculosis."

SADLINSKI, Czeslaw; JEZEWSKA, Danuta

Acute pancreatitis and cholecystitis in lithiasis in an 11-year-old girl. Polski tygod.lek. 16 no.2:61-62 9 Ja '61.

1. Z II Kliniki Chirurgicznej Sl. A.M. w Zabrze; kierownik: prof. dr J.Gasinski.

(CHOLELITHIASIS compl)

(PANCREATITIS etiol)

(CHOLECYSTITIS etiol)

BABAL, M.; JEZERSKY, J.

The use of prednisone in the treatment of pulmonary tuberculosis.
Bratisl. lek. listy 45 no.1:34-40 15 J1 '65.

1. Klinika chorob pľucnych a tbc Lek. fak. Univerzity Komenského
v Bratislave (veduci MUDr. J. Jezersky, CSc.).

JEZERSKY, J.; BABAL, M.

Homeostasis of hormones of the adrenal cortex in chronic pulmonary tuberculosis. Bratisl. lek. listy 45 no.3:144-150 15 Ag '65.

1. Klinika chorob pľucnych a tuberkulozy Lek. fak. Univerzity Komenskeho v Bratislave (veduci J. Jezersky, CSc.).

①
CZECHOSLOVAKIA

BABAL, M; JEZERSKY, J.

Clinic for Lung Diseases and Tuberculosis (klinik
chorob pluonych a tuberkulozy), LFUK Bratislava -
(for both; Jezersky-Head)

Bratislava, Lekarsky obzor, No 5, May 1966, pp 291-296

"An epidemiological study of tuberculosis of peripheric
lymphnodes. Part 2; The source of infection in adult
patients."

JEZEWSKA, Ewa

Modification of reactivity to hypnotics as the index of therapeutic effect of sleep. Neurologia etc.polska 4 no.2:129-143 Mar-Apr 54.

1. Z Kliniki Neurologicznej Akademii Medycznej we Wroclawiu.
Kierownik: prof. dr R.Arend.

(HYPNOTICS, effects,

reactivity as index of ther. eff. of sleep)

(SLEEP, therapeutic use,

reactivity to hypnotics as index of ther. eff.)

JEZEWSKA, Kwa

~~www.ozon.pl~~
Critical evaluation of the empirical therapy of neuroses. Polski
tygod. lek. 10 no.2:54-58 10 Jan 55

1. Klinika Neurologiczna A.M., Wroclaw, ul. Kraszewskiego 25
(NEUROSES, therapy
empirical, critical evaluation)

JEZEWSKA, Ewa; MATUSZELANSKA, Irena

Muscle biopsy in the diagnosis of atypical cases of progressive dystrophy. Polski tygod. lek. 14 no.49:2137-2142 7 Dec 59.

1. (Z Zakładu Neurologii S. D. L. przy A. M. W Warszawie, kierownik: dr med Ewa Jezewska i z Instytutu Psychoneurologicznego w Pruszkowie; dyr. prof. dr Z. Kuligowski).

(MUSCULAR DYSTROPHY, diag.)

JEZEWSKA, Ewa; MATUSZELANSKA, Irena; WALD, Ignacy

Preliminary observations on the application of hydroxyzine in clinical neurology. Polski tygod.lek.15 no.9:297-300 29 F '60.

1. Z Instytutu Psychoneurologicznego; dyrektor: prof.dr. Z.W. Kuligowski i Zakładu Neurologii Studium Doskonalenia Lekarzy; kierownik: dr.med. E. Jezewska.

(HYDROXYZINE ther.)

JEZEWSKA, Ewa; BUKSOWICZ, Czeslaw; TARNOWSKA-DZIDUSZKOWA, Eugenia;
~~JEZEWSKA~~ DIMECKI, Jerzy

On the problem of interparoxysmal symptomatology of myoclonus
epilepsy. Neurologia etc. polska 11 no.1:21-31 Ja-I' '61.

(EPILEPSY diag)

JEZEWSKA, EWA

Theory and practice of disability evaluation in neuroses in Poland.
Polski tygod. lek. 16 no.29:1118-1121 17 J1 '61.

1. Z Zakladu Neurologii Studium Doskonalenia Lekarzy A.M. w Warszawie;
kierownik zakladu: dr med. Ewa Jezewska.

(NEUROSES diag) (DISABILITY EVALUATION)

JEZEWSKA, Ewa, dr med.; WOCHNIK, Danuta

On the etiology and pathogenesis of the so-called graphospasm (clinical and electromyographic analysis). Neurol neurochir psych 12 no.2:171-179 Mr-Apr '62.

1. Pracownia EMG Instytutu Psychoneurologicznego, Pruszkow (Dyrektor: prof. dr med. Z.W. Kuligowski), i Ośrodek Szkolenia Neurologicznego SDL, Warszawa (Kierownik: p.o. dr med. E. Jezewska).

*

JEZEWSKA, Ewa; WOCHNIK, Danuta

On the problem of the etiology of so-called writers' spasm (clinical and electromyographic analysis). Neurologia etc., polska 12 no.2: 172-179 '62.

1. Pracownia EMG Instytutu Psychoneurologicznego w Pruszkowie
Dyrektor: prof. dr med. Z.W. Kuligowski Ośrodek Szkolenia Neurologicznego
SDL w Warszawie Kierownik: p.o. dr med. E. Jezewska.
(MUSCLE CRAMP etiol)

POLAND

HORYD, Wanda and JEZEWSKA, Ewa; Neurology Training Center (Csrodek Szkolenia Neurologii), Physicians' Postgraduate Training Program (Studium Doskonalenia Lekarzy) (Director: Docent, Dr. med. E. JEZEWSKA), State Hospital for Nervous and Psychic Disorders (Panstwowy Szpital dla Nerwowo i Psychicznie Chorych) in Pruszkow (Director: Dr. med. F. KACZANOWSKI) and its Neurological Division (Oddzial Neurologiczny) (Director: Dr. med. Bronislaw STEPIEN), and the Psychoneurological Institute (Instytut Psychoneurologiczny) (Director: Prof. Dr. med. Z. W. KULIGOWSKI)

"Medullar Signs in the Course of Hemangioma of the Vertebral Column. Case Report."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 35, 26 Aug 63, pp 1311-1313

Abstract: [Authors' English summary] Authors report a case of hemangioma of the vertebral column, which was difficult to diagnose, since the only clues, in addition to x rays, came from ENG tracings, and authors discuss the importance of the latter in diagnosing diseases of the central nervous system. 11 refs: 1 Polish, 4 German, other Western.
1/1

40

JEZEWSKA, H.; RUSZCZEWSKI, Z.; STARZYNSKI, S.

Anatomical and pathological bibliography for 1959. Pat.polska
11 no.4:441-466 '60.

(PATHOLOGY bibliog)

HELLER, J.; JEZEWSKA, Monika M.

The uric acid riboside in sphingidae moths. Acta Biochim. polon.
7 no.4:369-373 '60.

1. Institute of Biochemistry and Biophysics, Polish Academy of
Sciences, Warsaw.
(URIC ACID metab)
(INSECTS)

JEZEWSKA, M.

POL

✓ Determination of glutamine in plant material. M. Jeżewska (Szkoła Główna Gospodarstwa Wiejskiego, Warszawa). *Acta Biochim. Polon.* 1, 141-54 (1954).
Clostridium welchii and the method of Krebs (C. A. 15, 30164) were used for the enzymatic hydrolysis of plant amides. This eliminates errors due to nonenzymatic hydrolysis of urea, asparagine, and aspartic acid. N compounds are more easily hydrolyzed than the corresponding

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620009-8

method: Five 10 (9) 100-800 (1000000)
±3% error

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619620009-8"

JEZEWSKA, M.

HELLER, J.; JEZEWSKA, M.

Nucleic acids and other phosphorus fractions in the course of metamorphosis of the Chinese Tussur moth. (*Antheraea pernyi*). Acta biochim. polon. 5. no.1:3-17 1958.

1. From the Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Department of Evolutionary Biochemistry.

(MOTHS, *Antheraea pernyi*, nucleic acid & phosphorus fraction
determ. during metamorphosis)

(NUCLEIC ACIDS, determination
in moths during stages of metamorphosis)

(PHOSPHORUS, determination
in moths during stages of metamorphosis)

HELLER, J.; JEZEWSKA, M.

Phosphorus fractions in the course of metamorphosis of *Celerio euphorbiae*. *Bul Ac Pol biol* 8 no.8:335-337 '60. (EEAI 10:3)

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences.
Presented by J.Heller.

(PHOSPHORUS)

(CELERIO EUPHORBIAE)

(MATAMORPHOSIS)

JEZEWSKA, Maria M.; GORZKOWSKI, B.; HELLER, J.

Seasonal changes in the excretion of nitrogen wastes in *Helix pomatia*. *Acta biochim. polon.* 10 no.3:309-314 '63.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences, and Department of Physiological Chemistry, Medical School, Warszawa.

(NITROGEN) (CARBON ISOTOPES) (URIC ACID)
(XANTHINES) (GUANINE)

JEZEWSKA, Maria M.

Biosynthesis and metabolism of purine nucleotides. Postepy biochem 7
no.3:397-413 '61.

(NUCLEOSIDES AND NUCLEOTIDES metab)
(PURINES metab)

JEZEWSKA, Maria M.

Biosynthesis of pteridines and flavins. Postepy biochem. 9
no.4:497-504 '63.

(FLAVINS) (PTERINS) (METABOLISM) (PURINES)

JEZEWSKA, Maria M.; GORZKOWSKI, B.; HELLER, J.

Nitrogen compounds in snail *Helix pomatia* excretion. *Acta biochim. pol.* 10 no.1:55 '63.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences,
and Department of Physiological Chemistry, Medical School, Warszawa.
(NO SUBJECT HEADINGS)

JEZEWSKA, Maria H.; POREMBSKA, Zofia; GORZKOWSKI, Borden

Nitrogen excretion in invertebrates. Postepy biochem. 10 no.3:
381-389 '64.

GRZESZCZAK, Jerzy; JEZEWSKA, Teodora

Report on the activities of the Geographical Institute of the
Polish Academy of Sciences for 1962. Przegl geogr 35 no.3:
522-529 '63.

GRZESZCZAK, J., dr adiunkt; JEZUSIAK, T.

Organization of geography in Poland. Przegl geogr 36 no.3:613-622
'62.

MISZTAL, Stanislaw; JEZEWSKA, Teodora

Report on the activities of the Institute of Geography of the Polish
Academy of Sciences for 1963. Przegl geogr 36 no.4:804-810 '64.

JEZEWSKI, Zbigniew

Case of small intestine carcinoid with metastases and carcinoid syndrome. Wiad. lek. 18 no.18:1475-1478 15 S '65.

1. Z I Kliniki Chir. 2 Centr. Szpitala Klin. Wojskowej AM
(Kierownik: doc. dr. med. W. Zagorski).

JEBENSKI, Mieczyslaw

JEBENSKI, Mieczyslaw

Zarys radiotechniki i zonal słow. 5. rozdz. 1. wstępn. Kraków,
Spółdzielnia Wydawnicza Prace i Techniczne Szkół Akademickich; skl. 61.:
Księgarnia Powszechna, 1947. 197 p. [Outline of Radiotechnology and the
Theory of Television]

50: Monthly List of East European Accession, Library of Congress, Vol. 2, No. 10,
October 1953. Unclassified.

Jeżewski, M.

Electric methods for determination of wood moisture and a new apparatus for moisture measurements. M. Jeżewski (*Prace Roln. Leśn.*, 1953, No. 71, 32 pp.).--Electric methods for determination of moisture in wood are reviewed and a new apparatus for measurements of moisture is described. The method involves accurate determination of the capacity of a condenser with samples of wood between its plates and is based on the fact that the capacity depends (for the same kind of wood) only on the wt. of water in the sample. S. K. Lachowicz.

JEZEWSKI, M.; SZKLARSKI, L.; KAWECKI, Z.

Investigating magnetic leakage fields deriving from defects in wire ropes in connection with the magnetic wire rope testing method, p. 127. (ARCHIWUM ELEKTROTECHNIKI, / Vol. 3, no. 2, 1954.) Warszawa,

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

~~JEZEWski~~ JEZEWski, M.

POLAND/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders.

I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12585

Author : Jezewski M., Piech T.

Title : Dependence of the Dielectric Properties of Ceramic BaTiO_3
for High Frequency Currents on the Technology of the
Preparation of Samples.

Orig Pub : Acta phys. polon., 1955, 14, No 5, 395-405 (English;
Russian summary)

Abstract : By means of conventional ceramic technology were prepared
4 groups of samples of BaTiO_3 (A, B, C, D). Each subse-
quent was produced from the preceding by comminution,
pressworking and repeated firing at $\sim 1350^\circ$. Samples A,
B, C were held at the maximum temperature for 4 hours,
samples D for 8 hours. Total time during which samples
A, B, C were in the furnace was of 18 hours, that of sam-
ples D of 130 hours. Absolute porosity of the samples

Card 1/2

- 78 -

APPROVED FOR RELEASE: 08/10/2001

POLAND/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders.

I-9

CIA-RDP86-00513R000619620009-8"

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12585

(in %) was: A 61, B 20, C 19, D 11.7. Determinations
of dielectric constant ϵ and coefficient of dielectric
losses $\text{tg } \delta$, were carried out by the resonance method at
a frequency of 5 Mhertz in a specially designed apparatus.
Maximum ϵ of D samples is 2 times greater than that of
samples B and C, and reaches 8000; that of samples B is
10 times greater than that of samples A. Maximum ϵ of
samples B and C differs but little. $\text{tg } \delta$ passes through
a minimum in the temperature region of 70° , then through
a maximum at a temperature somewhat below the Curie tem-
perature. In the case of D samples, the maximum is closer
to the Curie temperature in the case of A samples.

Card 2/2

- 79 -

Poland/Electricity - Dielectrics, G-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35009

Abstract: exceeding 0.2%, it is possible to neglect the value of the dead capacity C of 100-farad capacitor.

Card 2/2

JEZEWSKI, M.

Some properties of metals in connection with the theory of the structure of atom. p. 45

WSZECHSWIAT. (Polskie Towarzystwo Prasyrodnikow im. Kopernika)
Warszawa. No. 2, Feb. 1959
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

JEZEWSKI, M.; MORSTIN, T.; WIERZBICKI, M.

On the immersion method of measuring the dielectric permittivity of solids, as compared to other methods. Acta physica Pol 25 no.2:187-192 F '64

1. I Institute of Physics, Academy of Mining and Metallurgy, Krakow.

L 34703-65 EFF(n)-2/EPA(s)-2/EPA(w)-2/EWT(m)/EWP(b)/LWP(e) M-10/Pu-4/Pab-0

ACCESSION NR: AP4049389

WH P/0045/64/026/002/0211/0216

AUTHOR: Jezewski, M.; Piech, T.; Glucksmann, S.

TITLE: The double thermal hysteresis loop in the permittivity of barium titanate ceramics

SOURCE: Acta physica Polonica, v. 26, no. 2, 1964, 211-216

TOPIC TAGS: thermal hysteresis loop, dielectric permittivity, barium titanate ceramic, thermal hysteresis, intermediate transition point

ABSTRACT: The dielectric permittivity of aged and newly prepared barium titanate ceramics was measured in the neighborhood of transition points lying below the Curie point. The shape of thermal hysteresis loops in samples rejuvenated by heating above the Curie point and the effect obtained by applying a strong external electrostatic field were also investigated. The specimens were prepared in the form of flat disks from chemically pure components, TiO_2 and BaCO_3 by means of repeated sintering. These disks were then assem-

Card 1/4

L 34703-65

ACCESSION NR: AP4049389

bled into three-plate capacitors whose capacitance was measured. Each capacitor with specimens was first heated to 40C, the temperature was lowered very slowly to -40C, then raised slowly to the initial temperature. The results are shown in Figs. 1 and 2 of the Enclosure. It was found that barium titanate ceramics show marked hysteresis in the vicinity of the intermediate transition point. Aged specimens showed double closed loops while newly prepared specimens exhibited single loops. A strong biasing field induced shifts toward higher temperatures without changing the shape of the loop in aged specimens, and a transition to double loops in newly prepared specimens and in rejuvenated specimens. Orig. art. has: 4 figures.

ASSOCIATION: Katedra Fizyki I, Cracow (I Chair of Physics Mining and Metallurgical Academy)

SUBMITTED: 16Mar64

ENCL: 02

SUB CODE: SS, EM

NO REF SOV: 000

OTHER: 010

Card 2/4

L 31703-65

ACCESSION NR: AP4049389

ENCLOSURE: 01

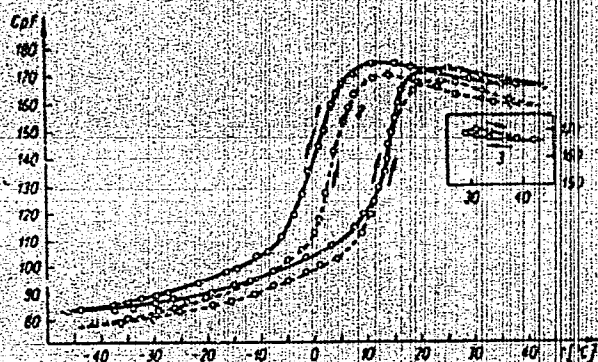


Fig. 1. Curve 1 (continuous line) represents temperature dependence of capacity of condenser with aged specimens; curve 2 (dashed line) shows temperature dependence of capacity after applying a biasing electrostatic field

Card 3/4

L 34703-65

ACCESSION NR: AP4049389

ENCLOSURE: 02

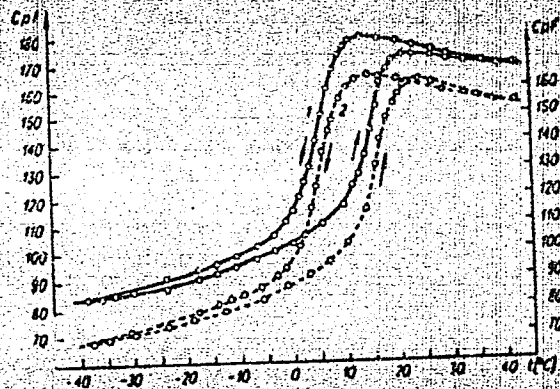


Fig. 2. Curve 1 (continuous line) represents temperature dependence of capacity of condenser with rejuvenated specimen; curve 2 (dashed line) shows temperature dependence after applying the biasing electrostatic field. In the diagram, curve 2 has been traced lower according to the right hand side scale

Card 4/4

JONASZKI, ZBIGNIEW

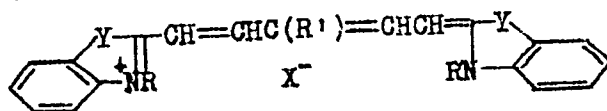
Zbigniew Jonowski, Andrzej Szuchnik and Jan Swiderski: "Influence of Halogens on Position λ_{max} on the Shift of the Absorption Maximum in Some Pentacene Cyanine Dyes, Prace Chemii, Vol 30, No 2, Warsaw, 1955. Published from the Chair of Organic Chemistry, Warsaw University, 13 May 55.

JEZEWSKI, Z.

Experiments in the cultivation of osier. p. 32. GOSPODARKA
ZROZOWA. Vol. 99, No. 1, Jan/Feb. 1956. Warszawa.

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

Country : POLAND
 Category : Organic Chemistry. Synthetic Organic Chemistry
 Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15452
 Author : Jezewski, Z.; Szuchnik, A.; Swiderski, J.
 Institut. :
 Title : Influence of Halide in Meso-State on the Displacement of Maximum Light Absorption in Some Pentamethenyl Cyanin Dyes
 Orig Pub. : Roczn. chem., 1956, 30, No 2, 467-474
 Abstract : A series of pentamethenyl cyanin dyes of the general formula (I) and (II) was synthesized and the influence of the halide in the meso-state of dyes on maximum light absorption was



I Y=C(CH₃)₂
 II Y=S

Card: 1/7

Category :
 Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15452
 Author :
 Institut. :
 Title :
 Orig Pub. :
 Abstract : studied. By condensation of 1,2,3,3-tetramethylindolenine iodide with C₆H₅N=CHCX=CHNH-C₆H₅·HX·C₂H₅OH (III), where X=Cl (IIIa), in absolute alcohol by the method proposed earlier (Beattie, S., et al., J. Chem. Soc., 1932, 260) I is obtained, R=CH₃, R'=Cl, X=I (Ia), yield 79%, m.p. 244-245° (decomposition; from CH₃OH). The alcohol solution of Ia saturated during boiling is cooled to about 20° and mixed with about 25% excess of a satu-

Card: 2/7

Obs. Jour : Ref Zhur - Khim., No 5, 1959, No. 12424
Author :
Institut. :
Titlo :
Orig. Pub. :
Abstract : VIII, 3.2 mM of IIIb and 6.5 mM of VI in 20 ml.
cont'd. of VII (left standing for 24 hours), II is ob-
tained, $R=C_2H_5$, $R'=Br$, $X=I$ (IIc), yield 50%,
m.p. 191-192° (decomposition; from alcohol).
I (or R, R' and X) and the state of maximum
light absorption (max.), in A., are given:
 CH_3 , H, halide, 6,350; CH_3 , CH_3 , I, 6,360; Ia,
6,400; Ib, 6,450; CH_3 , Br, I, 6,450; Ic, 6,450;
Id, 6,400. For II, substance (or R, R' and X)

Card: 6/7

G - 68

JEZEWSKI, Zygmunt

Dynamics of the absorption of mineral ingredients by the shoots
of osiers during their vegetation period. Acta agrobotanica 9 no.2:
113-130 '60.

1.Zjednoczenie Lesnej Produkcji Niedrzewnej, Warszawa.

JEZ-GALA, C.

Determination of inner forces in rotor bodies of large electric machines having the form of spoked wheels. p. 78. ELEKTROTEHNIŠKI VESTNIK. (Institut za elektrisko gospodarstvo, Fakulteta za elektrotehniko in Institut za elektrovezje) Ljubljana. Vol. 24, no. 215, 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

JEZIC, J.

"Some guiding ideas on suppression of anthrax in our Republic (In Serba-Croatian)"

Vet. (Sara) 1 : 120-130, 1951

JEZIC, Dr. Josip

"Yeast Saccharomycetes as Swine Food". Dr. Josip Jezic - prof. of microbiology, Vet. Fac., Univ. of Sarajevo & director Vet. Inst. of Republic of Bosnia & Herzegovina. Dr. Ivan Smalcelj - prof. of nutrition of domestic animals at Vet. Faculty, U. of Sarajevo. Dr. Dragan Ilancid - Scientific collaborator Animal Husbandry Inst of Republic of Bosnia & Herzegovina-

SOURCE: Vet., BROJ 5-6-7, p. 433, 1952

JEZIC, Dr. Josip

"The so-called southern wind Disease (Zajuzivanje) a Phenomenon of Deranged Acclimatization".
Dr. Josip Jezic - prof. at Vet. Faculty, U. Sarajevo & director of Vet. Inst., Sarajevo.
Dr. Milan Janjatovic - chief of the prosector's & histophysilogic lab., Vet. Inst., Sarajevo.

SOURCE: Vet., BROJ 8-9-10, p. 703, 1952

JEZIC, Dr. J.

"Before the Beginning of our Action Against the Brucelosis of the Cattle!" Prof. of U. and director of the Inst. Dr. I. Likar is head of the Dept. for physiology & pathology of the sexual life.

SOURCE: Vet. ZXEZACL 1, p. 121, 1953

ARNAUTOVSKI, M., inz.; BOZIC, Al.; JEZIC, Kr., inz.; TABAIN, T., inz.;
ZIMIC, J., inz.

Testing the fireproof lifeboat Greben in the fire. Pt.1.
Brodogradnja 14 no.6:215-226 '64.

BR

ACCESSION NR: AP4033438

Y/0002/64/000/003/0182/0183

AUTHOR: Jezic, Z. (Doctor of engineering)

TITLE: Preliminary semi-industrial preparation of melamine from urea

SOURCE: Kemija u industriji, no. 3, 1964, 182-183

TOPIC TAGS: melamine, urea, autoclave, industrial melamine preparation, urea decomposition, glass autoclave liner, metal autoclave liner

ABSTRACT: The author attempted to produce melamine from urea with high efficiency on a larger than laboratory scale, in the hope of reproducing laboratory results. The effect of the reaction mass upon the metal surface of the vessel was also studied. The experiments were carried out at 400°C in autoclaves of 845 and 1780 ml. The small autoclave was used with both metal and glass liners, while the larger one was used only with a glass liner. The ratio of height to diameter of the smaller autoclave was 4:1, and of the larger one, 8:1. The results showed a certain decrease of yield in melamine production from laboratory conditions. With glass liners, yields were about 45%. Products obtained with metal liners were less pure and yields were only 42.5%. The metal used in the liner was not

Card 1/2

ACCESSION NR: AP4033438

resistant to corrosion by decomposed urea, and a liner of more suitable metal would probably increase the yield and purity of the product. The percentage of the gaseous fraction of the product increased with heating time. This caused a negligible rise in pressure. Most of the measured pressures were in the range 150 ± 30 psi. The relative content of melamine in crude products was greatest with 30-minute heating. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Organsko-kemijska industrija, Zagreb (Organic Chemical Industry)

SUBMITTED: 00

DATE ACQ: 01May64

ENCL: 00

SUB CODE: CH

NO REF SOV: 003

OTHER: 004

Card 2/2

VRANJICAN, Dalimil, dr ing.; JEZIC, Zdravko, ing.

Influence of inert organic solvents on the preparation of
melamine from dicyandiamide. Kem ind 10 no.7:190-191 J1 '61.

1. Kemijska industrijska zajednica, Zagreb.

JEZIC, Z.

"Methods in organic chemistry" by Houben-Weyl. 4th ed.
Reviewed by Z. Jezic. Corat chem acta 35 no.1:83 '63.

1. Olan Redakcionog odbora, "Croatica chemica acta".

JEZIEWSKA, Aniela; WIERZBIcki, Tadeusz

Attempted luwatrex therapy of schizophrenia. Neurol. neurochir.
psychiat. Pol. 15 no.2:299-302 Mr-Apr '65.

1. Z Panstwowego Szpitala dla Nerwowo i Psychicznie Chorych im.
dr. J. Babinskiego w Lodzi (Dyrektor: dr. med. T. Wierzbicki).

WISNIEWSKI, Wladyslaw; JABLONSKI, Stefan; JEZIERSKA, Krystyna; PONIATOWSKA,
Helena

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Inst : Not given.

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duction of digestors by 12% and decreasing the
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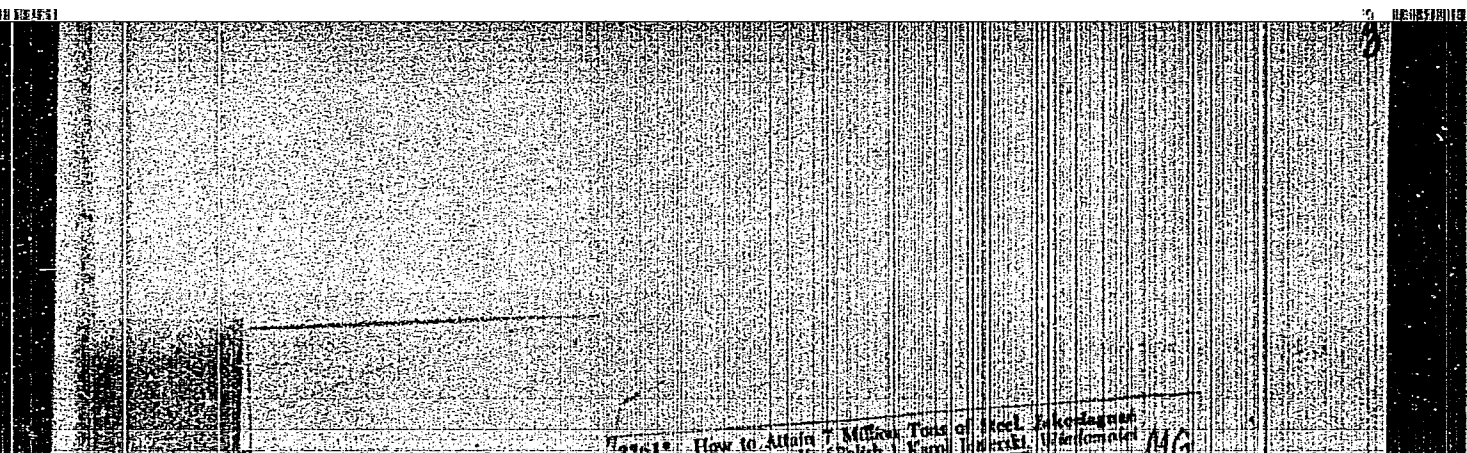
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1. Director, Institute of Iron Metallurgy, Gliwice.

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(TUBERCULOSIS PULMONARY) (ESOPHAGUS dis)

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Kierownik: prof. dr K. Ossowska.
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1. Katedra Elektroenergetyki, Politechnika, Lodz.

JEZIL, Vaclav, MUDr. As.

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Forms of governmental interventions in the maritime economy of
Japan. Medun transp 9 no.1:35-36 Ja '63.

JEZINA, Dabisa, inz.

Determining medium diameter of polymer particles in the PVC latex.
Kem ind 12 no.4:235-237 Ap '63.

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EXCERPTA MEDICA 1/5 sec 17 May 55 Pub. Health, Social Medicine & etc.

2152. JEZIORAŃSKA A. Odd. Parazytol. Lek. Państwowego Zakł. Hig., Warszawa.

~~Rozmieszczenie~~ muchy domowej na terenie Warszawy w 1949-1950r. The distribution of domestic fly in Warsaw area in 1949-1950 ACTA PARASIT. POL. 1954, 2/1-6 (1-15) Graphs 6 Tables 4

Over 91,000 flies caught on fly-paper belonged for 95-96% to the family Muscidae, in human dwellings 81% *M. domestica*, of which 60% males; in husbandry premises *M. domestica* was less prevalent and the percentage of males about 50. In stables and byres the genus *Stomoxys* constituted 34.1% of the total number caught, in suburban dwelling 1.2-5.6%, in the town it was only found occasionally. *Fannia* formed 10% of the catches in stables, but sometimes appeared invasion-like in houses. Other genera were rare. The numbers of flies varied in different quarters. The tops of the daily temperature curves preceded the rises in the numbers of flies by 2-4 weeks. The incidence curve of typhoid fever, dysentery and summer diarrhoea also appeared to show some relation to those of the fly catches.

Author

1. JENIORANSKA, A.

Investigations on the seriological diagnostic of trichinosis in humans and experimental animals.

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1820. JEZIORAŃSKA A. Zakł. Parazytol. Państw. Zakł. Hig., Warszawa. *Badania nad diagnostyką serologiczną włośnicy u ludzi i zwierząt doświadczalnych. Investigations on the serological diagnosis of trichinosis in humans and experimental animals PRZEGL. EPIDEM. 1955, 9/3 (211-223) Graphs 1-Tables 5

Extracts were prepared from dried and powdered larvae of *Trichinella spiralis* in saline solution in the proportion of 1:100. Serological tests were carried out with these antigens on man and animals suffering from trichinosis. Altogether, 229 complement fixation reactions, 117 ring precipitation tests, and 109 microprecipitation tests were carried out with the sera of rabbits, guinea-pigs and white rats. Tests were performed with sera from 120 human subjects with trichinosis. In all, 132 microprecipitation tests, 119 ring precipitation tests and 279 CFTs were carried out. The first positive CFTs in guinea-pigs and rabbits were ascertained between the 9th and 15th day of illness. In rats, even when heavily infected, scarcely any complement fixing antibodies were discovered. The precipitation tests gave the best results with rat serum, but a very small percentage of positive results was obtained with guinea-pig or rabbit serum. In humans suffering from trichinosis, the precipitins appeared about 21-25 days from the beginning of illness and disappeared almost entirely after the 10th week. The complement fixing antibody was found after the lapse of 3 weeks in about 50% of cases, and the number of positive results rose rapidly, reaching a maximum in 5 or 6 weeks. The antibodies were maintained for 5-7 months on this level. After this period the number of positive results decreases. With the serum of healthy subjects, or those suffering from other diseases, 8-9% of unspecific positive results were ascertained by the CFT and 13% by the precipitation test. The precipitation test with living larvae proved to be completely specific but not sufficiently sensitive.

From author's summary (XX, 4, 7, 17)

EXCERPTA MEDICA Sec 4 Vol. 10/9 Microbiology Sept 57

2212. JEZIORAŃSKA A. Zakł. Parazytol. Lek. Państwowego Zakł. Hig., Warsza-
wa. * Wartość diagnostyczna antygenów trichinellowych przy włośnicy.
Diagnostic value of trichinella antigens in trichinosis
ACTA PARASIT. POL. 1955-56, 3/6-12 (191-215) Tables 3
Antigens as serological reagents for the diagnosis of trichinosis were prepared
from larvae of *Trichina spiralis* obtained by digestion of muscles of infested rats.
The larvae were desiccated, suspended in saline, repeatedly frozen and thawed
and centrifuged. The clear supernate was used as antigen for precipitin and com-
plement fixation tests. Precipitin reactions with 58 sera of persons suffering from
trichinosis were positive in 92% and in 13% of 71 control sera. Complement fixa-
tion tests with 96 sera of persons suffering from trichinosis were positive in 82%
and in 8% in control sera. Precipitins appeared in serum of trichinosis patients
on the 21st-25th day of illness and complement-fixing antibodies at the end of the
4th week of the disease.
Anigstein - Galveston, Tex. (CX, 4, 17)

EXCERPTA MEDICA Sec. 6 Vol. 11/5 May 57
JEZIORAŃSKA A.

3247. JEZIORAŃSKA A. Zakt. Parazytol. Lek. PZII, Warszawa. "Odczyn uoprecypitacji w diagnostyce wczesnych okresów włośnicy. The uoprecipitation test in the diagnosis of early stages of trichinellosis
WIAD. PARAZYTOL. 1956, 2/5 suppl. (111-112)

White rats were infected with trichinella larvae and their urine was used as an antigen for precipitin test with immune serum against trichinella. The highest rate of positive results was obtained during the early stages of the infection, between the 2nd and 21st day of the infection. Urine samples from 27 human trichinosis cases were examined with the result that only in 4 patients a marked positive reaction was recorded between the 10th and 25th day of the disease.

Anigstein - Galveston, Tex. (XX, 6, 17)

JEZIORANSKA, Alicja; DOBROWOLSKA, Halina (Warszawa)

Immunological reactions in ascariasis. Wiadomosci parazyt.,
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1. Zaklad Parazytologii Lekarskiej PZH.
(ASCARIASIS, diagnosis,
serol. (Pol))

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Modification of immunological reactions. Wiadomosci parazyt.,
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(ECHINOCOCCOSIS, diagnosis,
serol. (Pol))

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5: Suppl:121-122. 1956..

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(ECHINOCOCCOSIS, diagnosis,
complement fixation, comparison of Weinberg's &
Bensted-Atkinson's methods (Pol))
(COMPLEMENT,
fixation in echinococcosis, comparison of Weinberg's
& Bensted-Atkinson's methods (Pol))

JEZIORANSKA, Alicja

Allergic reactions in trichinosis in experimental animals.
Med. dosw. mikrob. 8 no.1:89-102 1956.

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(TRICHINOSIS, experimental,
allergic reactions. (Pol))

SEZIORAŃSKA, A.
EXCERPTA MEDICA Sec.7 Vol.12/4 Pediatrics April 58

1175. SEROLOGICAL TEST IN ASCARIASIS - Odczyny immunologiczne w glistnicy -
Jeziorańska A. and Dobrowolska H. Zakł. Parazytol. Lek. PZH,
Warszawa - MED. DOŚW. MIKROBIOL. 1957, 9/2 (167-177) Tables 3
With saline extracts and chemical fractions from *Ascaris lumbricoides* and *Ascaris*
suis, rabbit immune sera were prepared and tested with homologous and hetero-
logous antigens (extracts from trichines, echinococci, tapeworms and their fins)
in the CFT. Positive results were obtained from echinococcal extracts, while the
other antigens showed minor overlapping reactions. Precipitation tests were non-
specific. In clinical ascariasis, there was only an increase of positive reactions
in the early stage of infection (larval migration); with the appearance of mature

1175

parasites in the intestine, the antibody quickly decreased. The serological diagnosis of ascariasis in man thus seems only valuable in fresh infections.

Adamaki - Poznan (IV. 7)

JEZIORANSKA, Anna Medica Societ. Vol. 11/7 Microbiology,

A, Immunology and Serology July 53

1958. IMMUNOLOGICAL REACTIONS IN HYDATID DISEASE - Odczyny reakcji immunologicznych przy chorobach białogłosewej - Jeziorańska A. and Dąbrowska H. Zakł. Parazytol. Lek. PZH, Warszawa - Przegląd. Inf. DEM. 1957, 11/2 (139-149) Tables 5

Saline extracts of fresh and of dried capsules were prepared and used as antigens as well as pork-cyst-fluid. Antigens were prepared also as lipid, polysaccharide and nucleoprotein fractions obtained by extraction from dried and putrefied capsules and scolices. The above-mentioned antigens when using the CFT were compared with homologous and heterologous test sera. It was proved that the prepared antigens and those from extracts of *Ascaris lumbricoides*, *Asc. suis*, *Taenia saginata*, *Trichinella spiralis* and *Cysticercus cellulosae* revealed common antigenic substances. 154 sera obtained from 149 persons with supposed hydatid disease were examined and 318 tests were performed. 58 samples of sera were positive. Among them one only was obtained from a patient with hydatid cyst of the liver surgically stated. Using the prepared antigens, CFTs were set up with sera of healthy persons, as well as of those with some other illnesses. Unreliable results with samples of persons with tb, neoplasms, jaundice and with unknown diagnosis were obtained. The CFT carried out at 37° appeared more specific than at 4°.

(IV, 17)

EXCERPTA MEDICA Sec 17 Vol 5/7 Public Health July 59

2011. IMMUNOLOGICAL TESTS DURING A TRICHINOSIS EPIDEMIC IN BYDGOSZCZ IN 1957 - Odczyny immunologiczne w przebiegu epidemii włośnicy w Bydgoszczy w r. 1957 - Jeziorańska A. and Kicińska H. Zakt. Parazytol. Lek. PZH, Warszawa - WID. PARAZYT. 1958, 4/5-6 (389-390)

In order to confirm the clinical diagnosis of trichinosis during an epidemic in Bydgoszcz, in a group of about 100 patients (after 2 to 5 weeks of illness) immunological examinations (ring-precipitation tests, precipitation tests with living larvae, CFT, uroprecipitation tests and intradermal tests) were performed. The uro-precipitation test was performed with patients at the end of the second week of trichinosis and gave only a low proportion of positive results, diminishing with time. The ring-precipitation test has diagnostic value only in a later period of illness. Its positive results must be confirmed by a more specific test, such as micro-precipitation with living larvae. The latter test, considered to be the most specific, showed 66% positive results. Owing to its technical difficulties, it is not suitable for mass-investigations. The CFT gave 73% positive results between the 13th and 27th days of illness. Taking into consideration its specificity and sensitivity, this test is especially suitable for diagnosis in a later period of illness. The intradermal test yielded positive results in 64 of 73 cases. These results agreed in 35% with the ring-precipitation tests, in 70% with the positive micro-precipitation test, and in 64% with the positive CFT. Each of the tests gives a certain proportion of non-specific results in both healthy and sick human subjects. (XVII, 4)

JEZIORANSKA, Alicja; BARCISZEWSKI, Marian

Immunological reactions during the 1957 epidemic of trichinosis in Bydgoszcz. Med. dosw. mikrob. 11 no.1:53-61 1959.

1. Z Zakładu Parazytologii Lekarskiej Państwowego Zakładu Higieny w Warszawie. Z Zakładu Chorob Zakaźnych Studium Doskonalenia Lekarzy, Oddział w Bydgoszczy.

(TRICHINOSIS, diagnosis,
serol tests during epidemic (Pol))

BARCISZEWSKI, M.; JANECKI, J.; JEZIORANSKA, ^{Hy} J.

Clinical and serological evaluation of trichinosis. J. Hyg. Epidem.,
Praha 3 no.3:317-328 1959

1. (Post graduate Medical School, Infectious Diseases Department,
Section in Bydgoszcz Medical Parasitology Dept. Institute of Hygiene,
Warsaw.

(TRICHINOSIS)